

Title (en)

IMAGING DEVICE, IMAGING METHOD, AND PROGRAM

Title (de)

BILDGEBUNGSVORRICHTUNG, BILDGEBUNGSVERFAHREN UND PROGRAMM

Title (fr)

DISPOSITIF D'IMAGERIE, PROCÉDÉ D'IMAGERIE ET PROGRAMME

Publication

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Application

EP 15860231 A 20150930

Priority

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- JP 2015077674 W 20150930

Abstract (en)

[origin: EP3223505A1] Provided are an imaging device, an imaging method, and a program that can acquire an image of high quality by reducing influence of interference of imaging light between optical systems with a simple process configuration. An imaging device 30 includes an imaging optical system 11 that includes a first optical system 21 and a second optical system 22 having a common optical axis and having different focal lengths, an imaging element 24 that includes a first sensor group 24a selectively receiving light passing the first optical system 21 and a second sensor group 24b selectively receiving light passing the second optical system 22, and an image compositing unit 33 that generates a first generated image by performing registration on a plurality of first captured images captured in different states of an optical axis L of the first optical system 21 and by compositing the registered plurality of first captured images and that generates a second generated image by performing registration on a plurality of second captured images captured in different states of the optical axis L of the second optical system 22 and by compositing the registered plurality of second captured images.

IPC 8 full level

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CPC (source: EP US)

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